

SEP. 18. 2007 6:25PM

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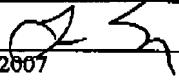
NO. 0992 P. 1

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/588,840
		Filing Date	August 8, 2006
		First Named Inventor	T. Gordon McMahon
		Group Art Unit	Unknown
		Examiner Name	Unknown
Total Number of Pages in This Submission	32	Attorney Docket Number	044108.001000

ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input checked="" type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition Under 37 C.F.R. 1.47(a) with attachment (Exhibit 1) <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. Designated/Elected Office with copy of Notification of Missing Requirements and associated papers attached
		Remarks	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Lawrence Sung (Registration No. 38,330) Nixon Peabody LLP 401 9 th Street, N.W. Suite 900 Washington, D.C. 20004-2128		
Signature			
Date	September 18, 2007		

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]			
I hereby certify that this correspondence is being:			
<input type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450			
<input checked="" type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300			
September 18, 2007		 Moira Anderson Signature Moira Anderson Typed or printed name	

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NO. 0992 P. 2

**FEE TRANSMITTAL
FOR FY 2005**

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$2,090.00)**

Complete if Known

Application Number	10/588,840
Filing Date	August 8, 2006
First Named Inventor	T. Gordon McMahon
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	044108.001000

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

19-2380

Deposit Account Name

Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	300	2001	150	Utility filing fee			
1002	200	2002	100	Design filing fee			
1003	200	2003	100	Plant filing fee			
1004	300	2004	150	Reissue filing fee			
1005	200	2005	100	Provisional filing fee			

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
	88**	0	X 0 = 0
Independent Claims	0	-10**	0 X \$ = \$
Multiple Dependent		X	= 0

Large Entity	Small Entity	Fee Description
1202	50	2202 25 Claims in excess of 20
1201	200	2201 100 Independent claims in excess of 3
1203	360	2203 180 Multiple dependent claim, if not paid
1204	200	2204 100 ** Reissue independent claims over original patent
1205	50	2205 25 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater. For Reissues, see above

LLANDGRA 00000001 192380 10588840

09/24/2007

01 FC:1633

200.00 DA

02 FC:1641

100.00 DA

03 FC:1617

130.00 DA

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	120	2251	60
1252	450	2252	225
1253	1,020	2253	510
1254	1,590	2254	795
1255	2,160	2255	1,080
1401	500	2401	250
1402	500	2402	250
1403	1,000	2403	500
1451	1,510	1451	1,510
1452	500	2452	250
1453	1,500	2453	750
1501	1,400	2501	700
1502	800	2502	400
1503	1,100	2503	550
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	790	2809	395
1910	790	2810	395
1801	790	2801	395
1802	900	1802	900
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$2,090.00)
			300.00

CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

September 18, 2007

Date

Moira Anderson

Signature

Moira Anderson

Typed or printed name

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Lawrence Sung	Registration No. (Attorney/Agent)	38,330	Telephone (202) 585-8221
Signature	<i>Lawrence Sung</i>	Date	September 18, 2007	

SEND TO: Commissioner for Patents
P.O. Box 1450

PAGE 2/14 * RCVD AT 9/18/2007 6:00:02 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/5 * DNI:2738300 * CSID:866 741 0075 * DURATION (mm:ss):03:48

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SEP 18 2007

Moira



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.	
10/588,840	Gordon T. McMahon	003.2002	
RECEIVED APR 07, 2007 NIXON PEABODY LLP		INTERNATIONAL APPLICATION NO. PCT/US05/04518	
		1.A. FILING DATE 02/10/2005	PRIORITY DATE 02/10/2004
CONFIRMATION NO. 1056 371 FORMALITIES LETTER Barcode *OC00000023265994*			

Date Mailed: 04/05/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/08/2006
- Copy of the International Search Report filed on 08/08/2006
- Preliminary Amendments filed on 08/08/2006
- Request for Immediate Examination filed on 08/08/2006
- U.S. Basic National Fees filed on 08/08/2006
- Priority Documents filed on 08/08/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and International filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$430 for a Large Entity:

- \$130 Surcharge.

DOCKETED BY Karen Sow 4/11/07VERIFIED BY Nixon Peabody LLP

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- The application search fee has not been paid. Applicant must submit \$100 to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- The application examination fee has not been paid. Applicant must submit \$200 to complete the examination fee for a non-small entity. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/588,840	PCT/US05/04518	003.2002

FORM PCT/DO/EO/905 (371 Formalities Notice)

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NO. 0992 P. 4

SEP 18 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: T. Gordon McMahon.

Confirmation No.: 1056

Serial No.: 10/588,840

Art Unit: To Be Assigned

International Application No. PCT/US05/04518

Filed: August 8, 2006

Examiner: To Be Assigned

For: *Plant Nutrient Reduction System*

Attorney Docket No: 044108.001000

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

U.S. Patent and Trademark Office
Randolph Building – Customer Service Window
401 Dulany Street
Alexandria, Virginia 22314
MAIL STOP – MISSING PARTS

Sir:

In response to the Notification of Missing Requirements mailed by the U.S. Patent and Trademark Office on April 5, 2007 transmitted herewith for filing in the subject application are the following documents:

1. Declaration for Non-Provisional Patent Application;
2. Return Copy of the Notification Missing Requirements;
3. Petition under 37 C.F.R. §1.47(a) and
4. Exhibit 1: Declaration of Adam C. Brink in Support of Petition.

Additionally, it is respectfully requested that the time for responding to the Notice to File Missing Parts be extended for a period of four months from April 5, 2007 to October 5, 2007 for which the total fee for a large entity is estimated to be \$\$1,590.00.

The Commissioner is authorized to charge any additional fees associated with this Response or credit any overpayment to Nixon Peabody LLP Deposit Account No. 19-2380.

Application No. 10/588,840
Atty. Docket No. 044108.001000

The documents and fees submitted herewith complete the filing of the above patent application and justify the filing date of August 8, 2006.

Respectfully submitted,



Date: September 18, 2007

By: _____

Lawrence Sung
Registration No. 38,330

NIXON PEABODY LLP
Suite 900, 401 9th Street, N.W.
Washington, D.C. 20004-2128
(202) 585-8000